



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
(An ISO 9001: 2000 certified company)
OFFICE OF THE EXECUTIVE ENGINEER, 220KV GRID SUB STATION,
RRVPL, HAMIRGARH
Call:- 01482-249084
Email:- xen_220_hamirgarh@rvpn.co.in

NO:-RVPNL/XEN/220KV/GSS/HMG/TECH/F. /D. 354 DATED. 06.11.2017

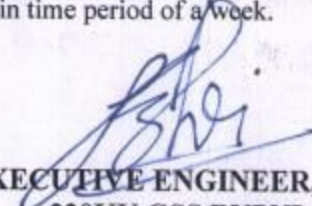
TO,

All registered contractors ,
RRVPL , Ajmer Zone.

Sub:- Consent for the work of bay maintenance work as per G – schedule at 220 KV
GSS Hamirgarh for the FY 2017-18.


The work of bay maintenance per the G-Schedule at 220 KV GSS RVPN Hamirgarh on approved CLRC rates and terms & conditions is to be carried out. G – Schedule is enclosed herewith.

Interested contractors may give their consent for the above work within time period of a week.


EXECUTIVE ENGINEER,
220KV GSS RVPNL,
HAMIRGARH.

Copy submitted to :-

1. The Superintending Engineer(T&C), RVPNL,Bhilwara.
2. The Accounts Officer (T&C), RVPNL,Bhilwara.
3. The Feeder Manager TCC III RVPN , Ajmer for uploading on Ajmer portal.


EXECUTIVE ENGINEER,
220KV GSS RVPNL,
HAMIRGARH.

G-SCHEDULE

Name of work - Maintenance of Bay Equipment, Transformers and Bus Bars at 220 KV GSS Hamirgarh (BHL) for the Yr 2017-18

1 The rates for the repair and maintenance works given in this BSR are inclusive of all types of labour charges.

2 The base date for the rates given in this schedules is 01.01.2011. *3. One frequency upto 31.1.18 as per D.No. 218 dt 30.10.17 of CE (Contract)*

S. No.	BSR Code No.	Description	Unit	Unit Rate in Rs.	Qty.	Freq.	Amount	CLRC Rate above %	Net Amount
1	2	3	4	5	6		7	8	9
1	3	<p>Maintenance of Bay Equipments Providing of work assistance as given below in maintenance work of following bay equipments such as circuit breaker, current transformer, Lightning arrestor, Isolator, CVTs, PLCC equipments, and corresponding control and relay panels, (All spares, lubricating material and general T&P shall be arranged by the contractor.)</p> <p>a) Checking of tightness of clamps & connectors. b) Cleaning of all insulators. c) Assistance to RVPN in attending to oil leakage, if any. d) Cleaning of all junction Boxes and secondary terminal boxes. e) Assistance to RVPN in checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits. f) Assistance to RVPN in measurement of CB operation timings. g) Checking of isolator operation and its alignments. h) Checking of gas pressure like sf6 & N2 in circuit breakers / CTs. etc. i) Assistance to RVPN in measurement of IR values of LAs, CTs, and CVTs. j) Lubrication of defined parts of all equipments at all required points. k) Washing the equipments, in case all stains are present, then washing is to be done with use of detergent solution. l) Cleaning of C&R panel from inside.</p>							
		m) Tightening of clamps & connectors and spacers on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp / connectors of all associated equipments connected to such overhead bus.							
		n) Providing other related work assistance as may be required by incharge.	Each Bay	2332	5	1	11660	60%	18656.00
	3.2	220KV bay (1 No. Supervisor + 8 Nos. workmen)	Each Bay	1892	11	1	20812	60%	33299.20
	3.3	132 KV bay (1 No. Supervisor + 6 nos. workmen)	Each Bay	1666	23	1	38318	60%	61308.80
	3.4	33 or 11 KV bay (1 No. Supervisor + 5 nos. workmen)							
2	4	<p>Maintenance of power Transformer Maintenance of power transformers for the following types of power Transformers. (All spares, lubricating material and only special T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the</p> <p>a) Cleaning of porcelain of bushings. b) Checking of tightness of clamps & connectors. c) Checking of Buchholz & oil surge relay. d) Cleaning of glasses of all oil level indicators. e) Cleaning of marshalling box, cooler control cubical, thermometer etc., as provided.</p>							

Mansab
Junior Engineer (M)
 220 KVGSS RVPN HAMIRGARH

S. C. S.
Assistant Engineer (M)
 220 KVGSS RVPN HAMIRGARH

[Signature]
Executive Engineer
 220 KV GSS RVPNL
 Hamirgarh (BHL.)

	f) Assistance to RVPN in attending to oil leakage from Tr. Body & bushings. g) Checking of oil level in oil filled bushing. h) Checking of Drycol air drying system. i) Assistance to RVPN in measurement of I.R. values. j) Assistance to RVPN in measurement of earth resistance. k) Assistance to RVPN in testing of PRD. l) Assistance to RVPN in checking of tripping circuit of Buchholz & WDG, oil temperature controls and protection scheme. m) Checking of OLTC gear operation. n) Assistance to RVPN in checking of auto circuits of cooling bank. o) Taking of oil samples for testing. p) Assistance to RVPN in carrying out other special measurement as may be required. q) Providing of other related work assistance as may be required by work incharge.								
4.2	220/132KV Transformer (6 Nos. workmen)	Each Tr	1357	2	1	2714	60%	4342.40	
4.3	132/33 KV & 132/11 KV (All capacities) (5 Nos. workmen)	Each Tr	1220	3	1	3660	60%	5856.00	
4.4	33/11 KV & Aux. Supply station transformers. (3 Nos. workmen)	Each Tr	774	3	1	2322	60%	3715.20	
5	Maintenance of Bus bars and associated equipments Maintenance work of Bus bar of various voltage level.(All spares, lubricating material and only special T&P shall be provided by RVPN. Cleaning material and general T&P shall be arranged by the contractor.) a) Tightening of clamps & connectors on overhead bus conductors and gantries (at a maximum height of 25 meter using safety belts). Also tightening of clamp / connectors of all bus side associated equipments. b) Replacements of worn out clamps & connectors of bus during work under item No. (a). c) Cleaning of all insulators of suspension and tension string of Bus bar and insulators of bus isolators, Bus CVT's d) Checking of operation of Bus isolators and their alignment including motorized operation. e) Maintenance of operating mechanism & switches, etc. of isolators. f) Lubrication of all moving parts of isolators. g) Providing of other related work assistance as may be required by work-in-charge.								
5.2	220 KV Bus Section (1 No. Supervisor + 6 Nos. workmen)	Each Section	1940	6	1	11640	60%	18624.00	
5.3	132 KV Bus section (1 No. Supervisor + 4 nos. workmen)	Each Section	1446	24	1	34704	60%	55526.40	
5.4	33 KV or 11 KV Bus section (1 No. Supervisor + 4 nos. workmen)	Each Section	1351	9	1	12159	60%	19454.40	
Total							137989	Rs. 220782.40	

Round Off = Rs. 220782.00

(Rupees. Two Lakh twenty thousand seven hundred eighty two Only)

Mausy
Junior Engineer (N)
220 KVGSS RVPN HAMIRGARH

sc ef S
Assistant Engineer (M)
220 KVGSS RVPN HAMIRGARH

[Signature]
Executive Engineer
220 KV GSS RVPNL
Hamirgarh (BHL)



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
(An ISO 9001: 2000 certified company)
OFFICE OF THE EXECUTIVE ENGINEER, 220KV GRID SUB STATION,
RRVPNL, HAMIRGARH
Call:- 01482-249084
Email:- xen_220_hamirgarh@rvpn.co.in

NO:-RVPNL/XEN/220KV/GSS/HMG/TECH/F. /D.355 DATED. 06.11.2017


TO,

All registered contractors ,
RRVPNL , Ajmer Zone.

Sub:- Consent for the work of general cleaning work as per G – schedule at 220 KV GSS Hamirgarh for the FY 2017-18.

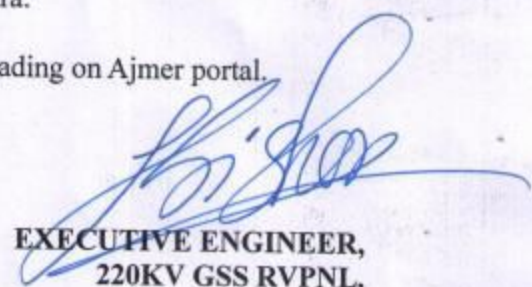
The work of General Up-keeping of control room and associated area as per the G-Schedule at 220 KV GSS RVPN Hamirgarh on approved CLRC rates and terms & conditions is to be carried out. G – Schedule is enclosed herewith.

Interested contractors may give their consent for the above work within time period of a week.


EXECUTIVE ENGINEER,
220KV GSS RVPNL,
HAMIRGARH.

Copy submitted to :-

1. The Superintending Engineer(T&C), RVPNL,Bhilwara.
2. The Accounts Officer (T&C), RVPNL,Bhilwara.
3. The Feeder Manager TCC III RVPN , Ajmer for uploading on Ajmer portal.


EXECUTIVE ENGINEER,
220KV GSS RVPNL,
HAMIRGARH.

G- Schedule

Name of Work: General Up-Keeping of control room and associated area & yard cleaning work at 220 KV GSS Hamirgarh for the Year 2017-18
The given rates in this schedule is based on BSR 01.01.2011

Sr. No.	BSR Code	Particulars	Unit	Unit Rate	Quantity	Frequency	Total Quantity	Amount	BSR Above	Total Amount
1	2	3	4	5	6	7	8	9	10	11
		1) Item No. 1 BSR Code No.1.1								
1	1.1	कार्यों का विवरण :- - ग्रिड सब स्टेशन परिसर के कार्यालय, नियन्त्रण कक्ष, बरामदों, विश्राम कक्ष, सीबियाँ, पी.एल.सी.सी. कक्ष, बैटरी कक्ष, विश्राम गृह आदि में झाड़ू से सफाई करना व फिनायल का पौछा लगाने का कार्य - नियन्त्रण कक्ष समेत सभी कमरों के दरवाजों व खिड़कियों (मय शीशे) आदि की सफाई । - समस्त शौचालय व मुन्नालय में फिनायल/ रसायन का प्रयोग करते हुए सफाई एवं धुलाई का कार्य । - नियन्त्रण कक्ष व अन्य सभी कक्षों की छत, खिड़की, कोने आदि में लगे जाले आदि की सफाई । - उपरोक्त परिसर में कूड़ादानों (डस्टबिनों) को खाली करना । - समस्त निकाले गए कचरे को ग्रिड सब स्टेशन परिसर से बाहर प्रभारी अधिकारी द्वारा निर्धारित स्थान पर डालना ।	Sq. Mtr	0.19	440	80.00	35200.00	6688.00	60%	10700.80
		Office area	Sq. Mtr	0.19	60	80.00	4800.00	912.00	60%	1459.20
		Total of item no. 1						7600.00		12160.00
		2) Item no.2 of G-Sch BSR Code 1.2								
2	1.2	नियन्त्रण कक्ष से मुख्य द्वार तक सड़क व प्जअन्य सबके एवं इनके दोनों ओर छोड़ी गई खाली जगह को झाड़ू द्वारा सफाई। समस्त निकाले गये कचरे को ग्रिड सब स्टेशन परिसर से बाहर प्रभारी अधिकारी द्वारा निर्धारित स्थान पर डालना	Sq. Mtr	0.036	3100.00	80.00	248000.00	8928.00	60%	14284.80
		Total Amount						16528.00		26444.80
		Round Off								26444.80
Amount in words: Rupees Twenty Five Thousand Five hundred Fifty Two only										

Maus
Junior Engineer (Mr)
220 KVGSS RVPN HAMIRGARH

Secy
Assistant Engineer (M)
220 KVGSS RVPN HAMIRGARH

[Signature]
Executive Engineer
220 KV GSS RVPNL
Hamirgarh (BHL.)